# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 182 | (361/306.2).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/08 15:04 |
| L2 | 867 | (438/243).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/08 15:07 |
| L3 | 3603 | (257/296).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/08 15:05 |
| L4 | 151 | (257/299).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/08 15:07 |
| L5 | 1313 | (257/301).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/08 15:07 |
| L6 | 420 | (257/305).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/08 15:07 |
| L7 | 9413 | (257/296-313).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/08 15:20 |
| L8 | 2415 | (438/239,243-249).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/08 15:06 |

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| L9 | 1144 | (438/386-392).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/08 15:06 |
|---|---|---|---|---|---|---|
| L10 | 8176 | (438/151-153,238-239,253-254,243, 246-249,389-392,404).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/08 15:06 |
| L11 | 14038 | (257/532-535,301-305,312,296,347, 350,905,622,680).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/08 15:06 |
| L12 | 2670 | (365/149).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/08 15:06 |
| L13 | 4 | ("20030072126" \| "5739998" \| "5753947" \| "6608365").PN. OR ("6735072").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/08 15:09 |
| L14 | 3 | ("6144076" \| "6541840").PN. OR ("6608365").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/08 15:16 |
| L15 | 5318 | L3 or L2 or L5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/08 15:16 |
| L16 | 217 | L15 and (capacitor near 5 decoupl$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/08 15:17 |
| L17 | 120 | L15 and (capacitor near5 decoupl$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/08 15:21 |

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|---|---|---|---|---|---|---|
| L18 | 11551 | L7 or L8 or L9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/08 15:21 |
| L19 | 21209 | L10 or L11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/08 15:21 |
| L20 | 289 | L18 and (capacitor near5 decoupl$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/08 15:21 |
| L21 | 169 | L20 NOT L17 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/08 15:21 |
| L22 | 419 | L19 and (capacitor near5 decoupl$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/08 15:21 |
| L23 | 198 | L22 NOT (L20 or L21) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/08 15:22 |
| L24 | 198 | L23 NOT L17 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/08 15:22 |
| L25 | 23 | ("4037243" \| "4499558" \| "5517038" \| "5532957" \| "5547886" \| "5641694" \| "5703522" \| "5740099" \| "5808336" \| "5893735" \| "5894152" \| "5959927" \| "5991225").PN. OR ("6590259"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/08 15:25 |

| L26 | 19 | (US-20030094654-$ or US-20010035549-$ or US-20020064913-$ or US-20030057487-$ or US-20030030091-$ or US-20020036322-$).did. or (US-5241211-$ or US-5276338-$ or US-6188122-$ or US-6552381-$ or US-5759907-$ or US-6337253-$ or US-6492244-$ or US-5970339-$ or US-6735072-$ or US-6608365-$ or US-6963483-$ or US-6590259-$). did. or (US-5770875-$).did. | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/05/08 15:38 |
|------|------|-------------|--------|------|------|------|
| L27 | 12 | L26 and (capacitor with decoupl$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/08 16:16 |
| L28 | 12 | (257/E29.001).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/08 16:17 |
| S1 | 31 | US-6492244-$.DID. OR US-6475838-$.DID. OR US-6337253-$.DID. OR US-6096584-$.DID. OR US-5770875-$.DID. OR US-5759907-$.DID. OR US-5206787-$.DID. OR US-6124163-$.DID. OR US-6081008-$.DID. OR US-6015729-$.DID. OR US-5872697-$.DID. OR US-5789289-$.DID. OR US-5688709-$.DID. OR US-5661340-$.DID. OR US-5304506-$.DID. OR US-6303457-$.DID. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 14:34 |
| S2 | 4 | berndlmaier-zachary$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 13:33 |

| S3 | 23 | kiewra-edward$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 13:33 |
|---|---|---|---|---|---|---|
| S4 | 52 | radens-carl.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 13:34 |
| S5 | 229 | tonti-william$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 13:36 |
| S6 | 21 | ("5430318" \| "5689432" \| "5707899" \| "5795810" \| "5889306" \| "5930642" \| "5945713" \| "6013936" \| "6034388" \| "6034397" \| "6121659" \| "6287901" \| "6383892" \| "6399990" \| "6404686" \| "6410962" \| "6413830").PN. OR ("6492244").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/14 13:17 |
| S7 | 50 | ("4153988" \| "4751557" \| "5055898" \| "5119155" \| "5202279" \| "5241211" \| "5276338" \| "5314841" \| "5429981" \| "5442584" \| "5466625" \| "5472900").PN. OR ("5759907").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/14 13:20 |
| S8 | 76 | ("4786960" \| "4807012" \| "4864375" \| "4878957" \| "4925805" \| "4951102" \| "4982263" \| "4983538" \| "5072287").PN. OR ("5241211"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/14 13:22 |
| S9 | 19 | ("4423431" \| "4791610" \| "4839707" \| "5359219" \| "5378919" \| "5442211" \| "5447882" \| "5528062" \| "5585285" \| "5606188" \| "5726485" \| "5759907" \| "5770875").PN. OR ("6188122"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/14 13:23 |
| S10 | 32095 | "dynamic random access" and cell | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 14:20 |

# EAST Search History

| S11 | 3963 | S10 and (capacitor with trench) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 14:21 |
|---|---|---|---|---|---|---|
| S12 | 56 | S11 and (bulk with plate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 14:21 |
| S13 | 7831 | (438/151-153,238-239,253-254,243, 246-249,389-392,404).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/14 14:35 |
| S14 | 13507 | (257/532-535,301-305,312,296,347, 350,905,622,680).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/14 14:37 |
| S15 | 20392 | S13 or S14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 14:37 |
| S16 | 4192 | S15 and (SOI or silicon near2 insulator) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 14:38 |
| S17 | 726 | S16 and (capacitor with (trench or finger)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 15:05 |
| S18 | 68 | S17 and (capacitor with bulk) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 14:44 |

| S19 | 40 | S17 and (capacitor with decoupling) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 15:06 |
|---|---|---|---|---|---|---|
| S20 | 343 | S17 and (plate with (bulk substrate silicon)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 14:57 |
| S21 | 10 | "6590259" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 14:42 |
| S22 | 21 | ("4037243" \| "4499558" \| "5517038" \| "5532957" \| "5547886" \| "5641694" \| "5703522" \| "5740099" \| "5808336" \| "5893735" \| "5894152" \| "5959927" \| "5991225").PN. OR ("6590259"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/14 14:42 |
| S23 | 36690364 | S20 (not S21) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 14:57 |
| S24 | 342 | S20 NOT S21 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 14:57 |
| S25 | 326 | S20 NOT S19 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 14:57 |
| S26 | 311 | S20 NOT S18 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/14 14:57 |

| S27 | 311 | S26 NOT S18 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/14 14:58 |
|---|---|---|---|---|---|---|
| S28 | 978 | (361/313,306.2).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/14 15:04 |
| S29 | 225 | (356/149).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/14 15:04 |
| S30 | 2602 | (365/149).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/14 15:04 |
| S31 | 69 | S28 and (capacitor with (trench or finger)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/14 15:05 |
| S32 | 332 | S30 and (capacitor with (trench or finger)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/14 15:05 |
| S33 | 14 | S32 and (capacitor with decoupling) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/14 15:08 |
| S34 | 16 | ("5555520" \| "5559666" \| "5598367" \| "5717628").PN. OR ("5805494").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/12/14 15:08 |

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**Results**

#1      ((capacitor <sentence> decoupl* )<in>metadata)                                    415

#2      ((((capacitor <sentence> decoupl*)<in>metadata))<AND>(trench          10
        <or> finger<in>metadata))